

**REMARKS**

Claims 1-6 are all the claims pending in the application.

Applicant has amended claims 1 and 5, to further clarify the claimed invention.

Applicant has also amended claims 2-4, and 6 to address the informalities and to better conform them to U.S. patent practice. The amendments are not made for reasons of patentability and are not intended to narrow the scope of the claims, and thus are not subject to estoppel.

Also, Applicant has amended the specification to correct a typographical error.

Applicant thanks the Examiner for acknowledging the claim for priority under 35 U.S.C. § 119, and receipt of the certified copy of the priority document.

Also, the Applicant thanks the Examiner for considering the references cited with the Information Disclosure Statement filed October 4, 2004 and for considering the references cited in IDS filed on October 4, 2004.

Applicant thanks the Examiner for stating that claims 2-4, and 6 would be allowable if rewritten to independent form including all the limitations of the base claim and intervening claims. However, because Applicant believes that the independent claims should be allowable for at least the reasons discussed below, Applicant is not rewriting the claims at this time.

**Claim Rejections - 35 U.S.C. § 103**

Claims 1 and 5, that have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Kagami et al. (U.S. Patent No.: 5,479,443, hereinafter "Kagami") in view of Kenzo Kobayashi Pat. No.: (JP362186627A, hereinafter "Kobayashi"). Applicant respectfully traverses these rejections because Kobayashi fails to disclose or suggest all of the claim limitations. Specifically, the references fail to disclose or suggest at least the following limitations:

Claims 1 and 5:

for generating transmission power control information for each of the polarized waves, where the transmission power control information controls a transmission power of a transmitting side that is an opposite station of the receiving side, to individually improve an interference compensation characteristic for each of the polarized waves in accordance with an interference state, and for notifying the transmitting side of the information;

The Examiner concedes that Kagami fails to teach interference compensation amount adjusting means for, on the receiving side, adjusting an interference compensation amount of a self polarized wave on the basis of the transmission power control information for each of the polarized waves. In order to make up for the deficiency of Kagami, the Examiner argues that Kobayashi discloses these missing limitations. The Examiner then asserts that one in the skilled would have incorporated the teachings of Kobayashi in the Kagami system in order to reduce the interference in the receiver. However, Applicant disagrees with the Examiner's position for the following reasons.

While, Kobayashi may suggest that the receiving side controls the interference compensation amount of the receiving side by using received signals on the receiving side, Kobayashi does not teach or suggest that the receiving side transmission power on the transmitting side. As a result, Kobayashi does not disclose that the receiving side adjusts an interference compensation amount of the receiving side by using transmission power control information which controls transmission power of the transmitting side.

Additionally, Kagami fails to disclose that the receiving side controls transmission power of the transmitting side, that is an opposite station of the receiving side, based on the reception levels of the receiving side.

Therefore, since Kobayashi does not cure the deficient teachings of Kagami with respect to claims 1 and 5, Applicant respectfully submits that independent claims 1 and 5 are patentable over the applied references.

Amendment under 37 C.F.R. § 1.111  
U.S.S.N 10/509,966

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In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

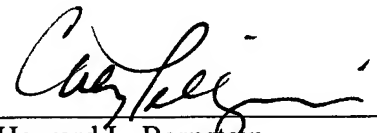
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**23373**

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